

Fig 1. – Location of plasmaspheric ions in MLT and invariant latitude. Sampled area is shaded.

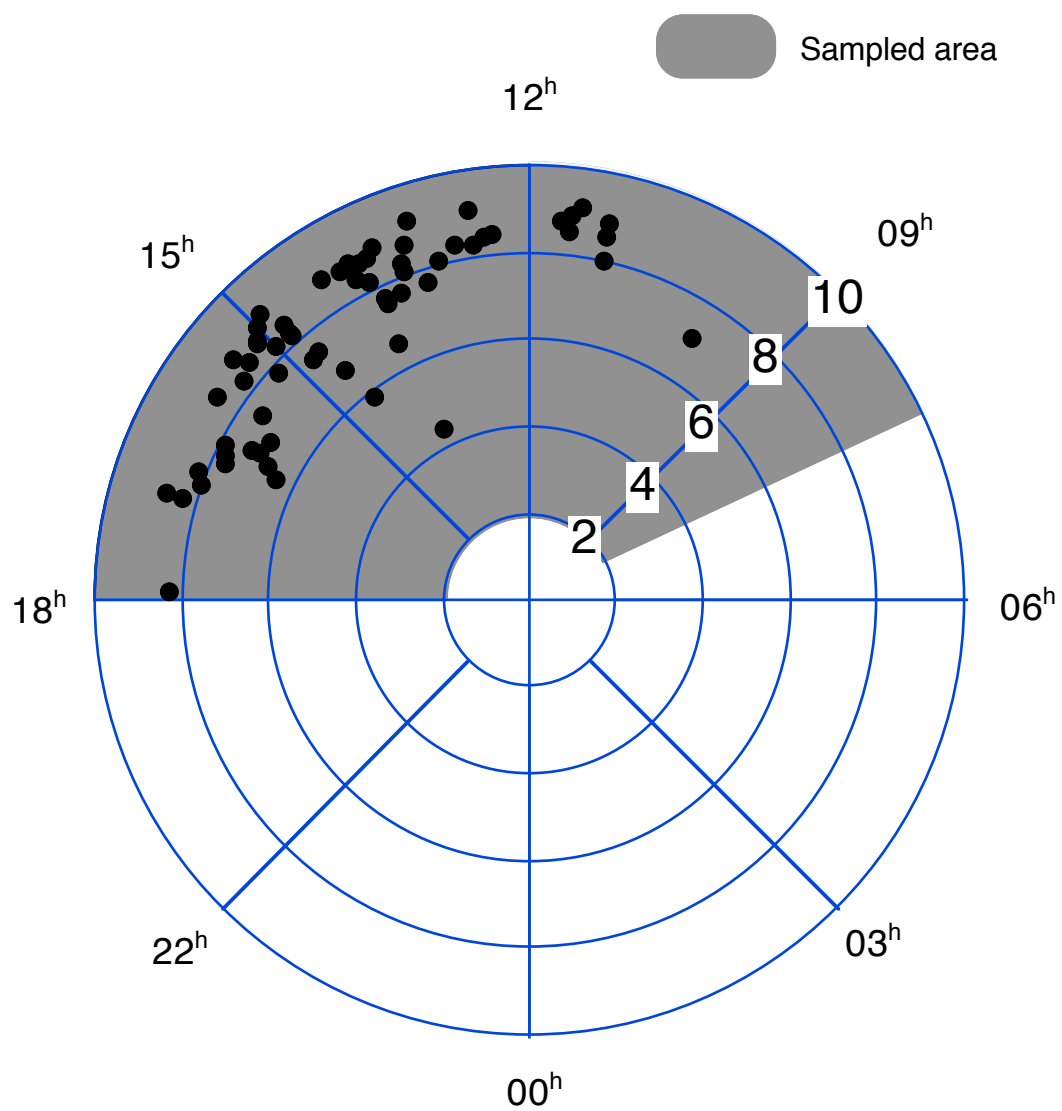


Fig 2. – Location of observed plasmaspheric ions in MLT and equatorial distance. Sampled area is shaded.

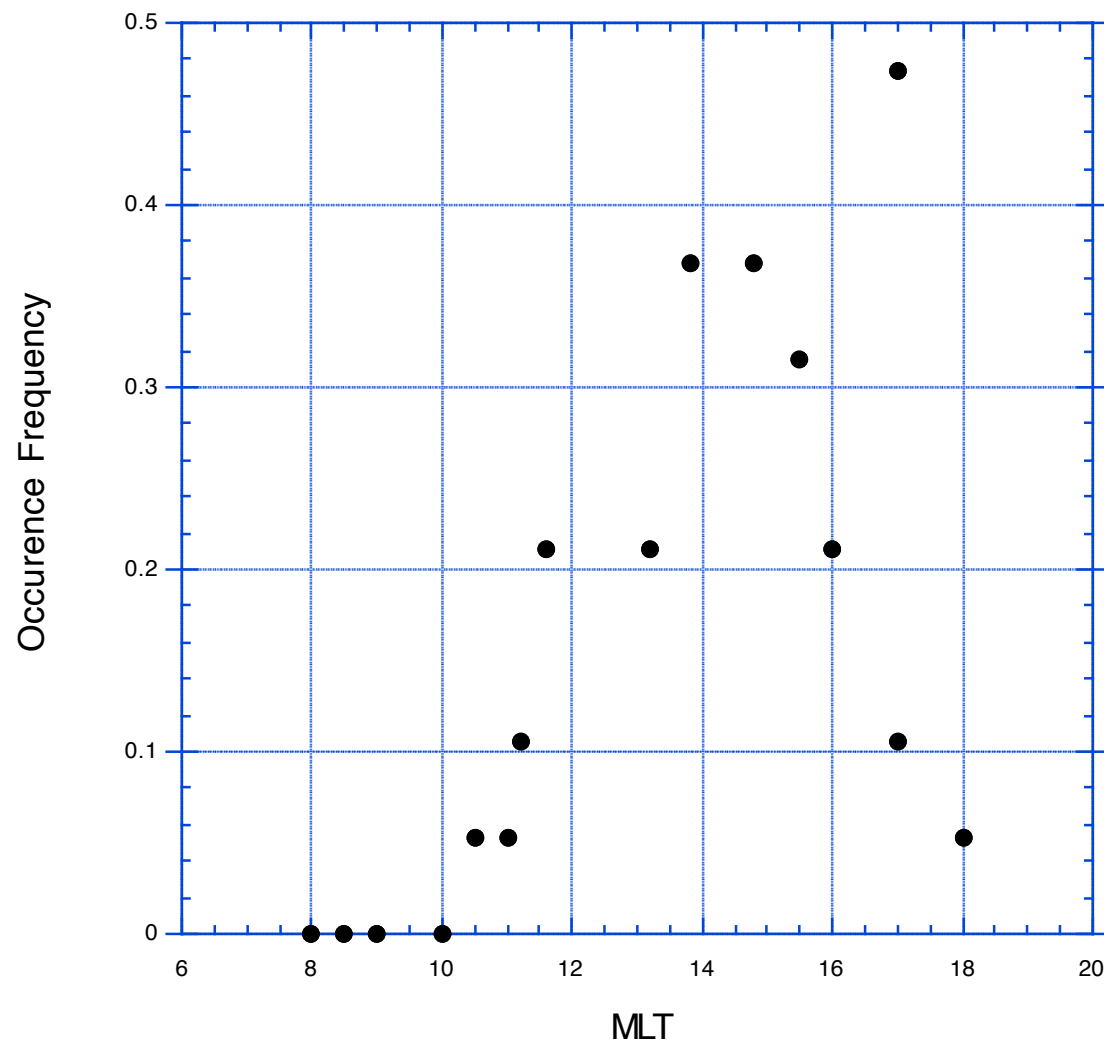


Fig. 3 – Occurrence frequency of plasmaspheric ions near the magnetopause as a function of magnetic local time. Sampled MLT range is 8hr to 18hr. Total samples are roughly equal within each data point.

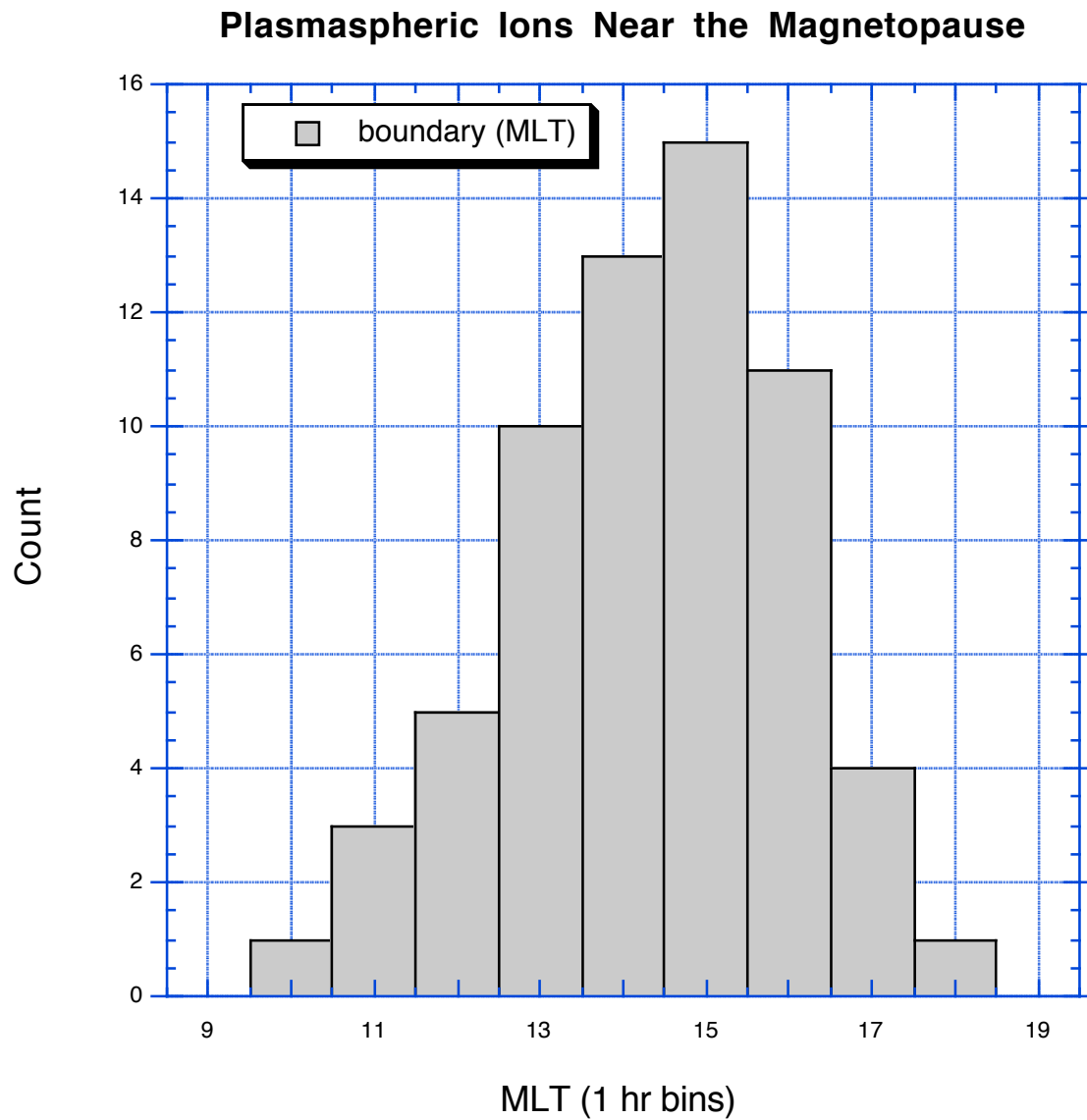


Fig. 4 – Total number of passes in which plasmaspheric ions were observed sorted by MLT. Bin size is one hour in MLT. Total samples are roughly equal within each bin.